

APPENDIX N

DAILY SEDIMENT TMDLS

Introduction

Originally, sediment loads for the St. Regis watershed were calculated and applied as average annual sediment yields which is logically sound for this watershed for a few reasons. Because there are no point sources that can alter their load daily and all significant sources are nonpoint source runoff driven, annual loads are appropriate. Also, more importantly, observed affects upon uses are from accumulative, long term sediment loading. Determining a daily allowable sediment load rate is difficult because of naturally dynamic sediment transport conditions in this region. Including daily loads and daily allocations for all TMDLs is a recent requirement by EPA that the original scope of this TMDL project did not consider. This appendix provides an **estimate** of allowable daily sediment loads and allocations. The analysis for providing the daily loads is limited because of project time constraints, the types of sources in the watershed, the validity of using annual load limits to protect the uses, and the **recent** change in EPA requirements.

Methods and Application

The annual sediment loads described in the sediment source assessments (Section 7) are used as a primary basis for determining daily sediment loads for listed streams in the St. Regis TPA. A more detailed daily sediment loading estimate using SWAT model outputs from the Middle Blackfoot TPA is used to divide the estimated yearly sediment loads found in the St. Regis TPA into daily loads. Two comparable subwatersheds in the Middle Blackfoot TPA were used to extrapolate daily loads to the St. Regis watershed. The average SWAT daily loading results from Dunum and Monture Creek Watersheds over a 9 year model run were converted to percent of the average annual load estimated by the SWAT model for a given Julian day (**Figure N-1**). The maximum allowable annual sediment yields and annual allocations from the St. Regis TPA were portioned out into estimated daily loads and allocations using a percentage slightly above daily percentage of the annual sediment budget from the two watersheds in the Blackfoot TPA. Although the daily loads would add up to more than 100% of the annual loading in the main St. Regis TMDL document, the average annual sediment TMDLs should not be exceeded. In essence, loading on any one given day is less of an issue than the long term sediment load in the St. Regis Watershed since uses are affected by long term sediment conditions, not acute conditions.

The allocations are carried evenly as the percent reduction, which is provided in the main document, for every day of the year in these daily allocations. In fact, it may not be a reasonable option to reduce sediment loads during low flow or non-runoff timeframes for many of the human-caused, nonpoint sources. Many of the human caused source categories could make most of their loading reductions during storm or snowmelt runoff. Sediment sources in the St. Regis watershed are contributing sediment production almost exclusively during runoff timeframes. Therefore, do not take these daily loads as an absolute condition that must be met on any one given day since sediment production in a watershed is episodic and sources are also episodic.

The following sections will review the daily loads and daily allocations by sediment listed waterbody. Daily loading and allocation tables are provided in **Attachment N-1** of this appendix.

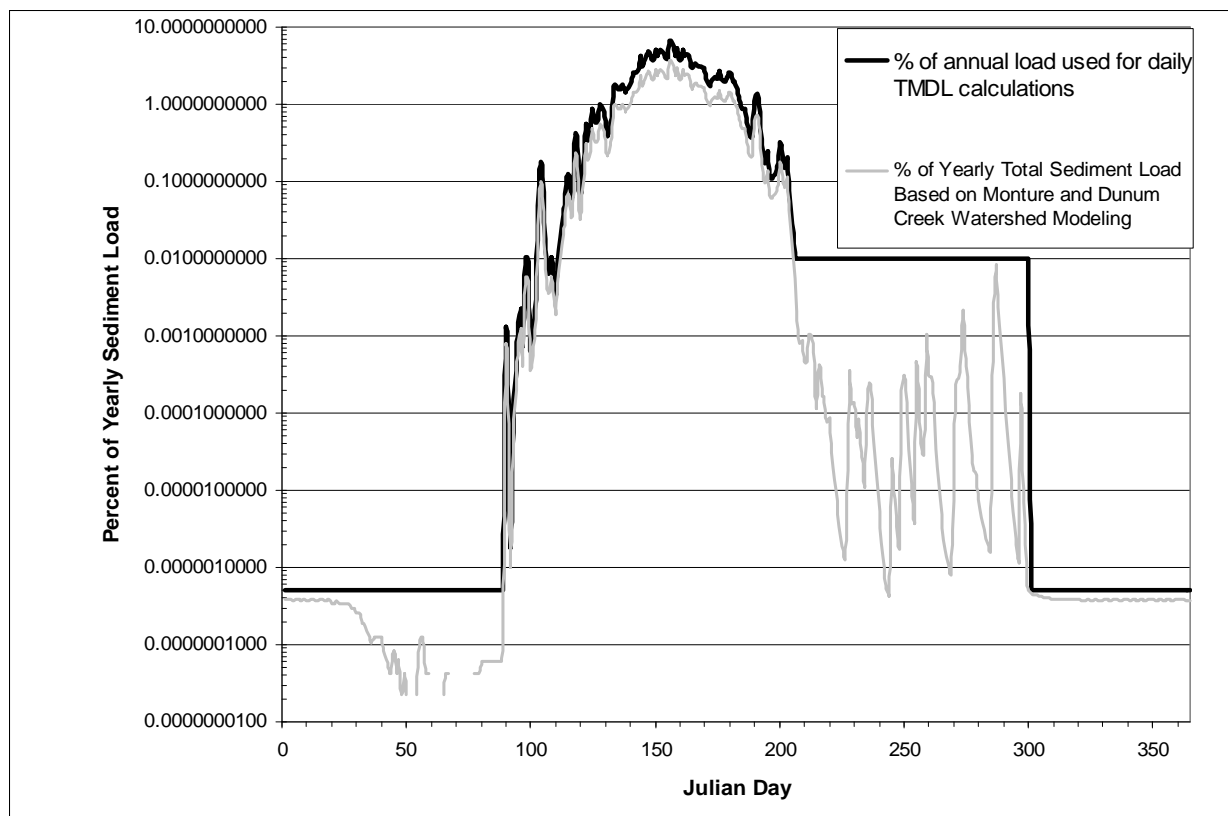


Figure N-1. Percent of average annual sediment load by Julian Day used for deriving daily allocations in the St. Regis Watershed

ATTACHMENT N-1. DAILY SEDIMENT LOADS

Table N-1. Big Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
1	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
2	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
3	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
4	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
5	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
6	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
7	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
8	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
9	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
10	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
11	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
12	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
13	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
14	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
15	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
16	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
17	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
18	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
19	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
20	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
21	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
22	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
23	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
24	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
25	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
26	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
27	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
28	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
29	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
30	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
31	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
32	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
33	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
34	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
35	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
36	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
37	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
38	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
39	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
40	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
41	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
42	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
43	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151

Table N-1. Big Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
44	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
45	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
46	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
47	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
48	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
49	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
50	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
51	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
52	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
53	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
54	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
55	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
56	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
57	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
58	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
59	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
60	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
61	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
62	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
63	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
64	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
65	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
66	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
67	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
68	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
69	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
70	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
71	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
72	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
73	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
74	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
75	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
76	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
77	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
78	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
79	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
80	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
81	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
82	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
83	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
84	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
85	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
86	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
87	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
88	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
89	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151

Table N-1. Big Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
90	0.258214	0.208919	0.169013	0.352110	6.408403	7.396659
91	0.009471	0.007663	0.006199	0.012915	0.235044	0.271291
92	0.000388	0.000314	0.000254	0.000529	0.009629	0.011114
93	0.018779	0.015194	0.012292	0.025608	0.466071	0.537946
94	0.105515	0.085371	0.069064	0.143884	2.618683	3.022516
95	0.265200	0.214571	0.173586	0.361637	6.581789	7.596783
96	0.486665	0.393756	0.318544	0.663634	12.078130	13.940728
97	0.171309	0.138605	0.112130	0.233603	4.251584	4.907231
98	2.314060	1.872285	1.514657	3.155536	57.430756	66.287294
99	2.005061	1.622276	1.312403	2.734174	49.761958	57.435872
100	0.150183	0.121511	0.098301	0.204795	3.727261	4.302051
101	0.288638	0.233535	0.188927	0.393598	7.163476	8.268174
102	0.927545	0.750468	0.607120	1.264834	23.019977	26.569944
103	6.264496	5.068547	4.100398	8.542495	155.473412	179.449349
104	39.435704	31.907069	25.812461	53.775960	978.722467	1129.653661
105	11.283309	9.129223	7.385439	15.386330	280.031214	323.215514
106	4.040455	3.269095	2.644661	5.509711	100.276738	115.740660
107	1.423159	1.151465	0.931522	1.940672	35.320228	40.767047
108	2.291834	1.854302	1.500110	3.125228	56.879158	65.650633
109	1.955522	1.582195	1.279978	2.666620	48.532490	56.016805
110	0.759137	0.614211	0.496890	1.035187	18.840403	21.745828
111	1.908714	1.544323	1.249340	2.602792	47.370810	54.675978
112	4.079551	3.300728	2.670252	5.563024	101.247043	116.860598
113	8.089830	6.545408	5.295161	11.031586	200.774863	231.736847
114	12.089360	9.781391	7.913036	16.485491	300.035931	346.305208
115	27.213147	22.017910	17.812242	37.108837	675.380835	779.532971
116	13.159037	10.646858	8.613188	17.944142	326.583383	376.946608
117	14.318262	11.584775	9.371953	19.524902	355.353225	410.153118
118	92.278690	74.661849	60.400597	125.834578	2290.189312	2643.365026
119	28.499491	23.058679	18.654212	38.862942	707.305538	816.380861
120	12.627441	10.216748	8.265234	17.219238	313.390133	361.718795
121	36.539898	29.564099	23.917024	49.827134	906.853837	1046.701993
122	124.534068	100.759382	81.513208	169.819183	3090.709136	3567.334977
123	75.187556	60.833568	49.213673	102.528486	1866.018441	2153.781724
124	99.814552	80.759047	65.333161	136.110753	2477.215698	2859.233211
125	191.675291	155.082735	125.460190	261.375396	4757.032210	5490.625822
126	129.385144	104.684343	84.688458	176.434287	3211.104017	3706.296248
127	141.015859	114.094650	92.301290	192.294354	3499.757234	4039.463386
128	224.511795	181.650452	146.953175	306.152447	5571.974537	6431.242405
129	188.129429	152.213810	123.139262	256.540130	4669.030366	5389.052998
130	117.259605	94.873681	76.751742	159.899462	2910.170202	3358.954691
131	84.350939	68.247578	55.211524	115.024008	2093.436938	2416.270986
132	114.732794	92.829260	75.097829	156.453810	2847.459336	3286.573029
133	338.508659	273.884278	221.569304	461.602716	8401.169439	9696.734397
134	394.605160	319.271447	258.287014	538.097945	9793.382599	11303.644165
135	352.674573	285.345791	230.841539	480.919872	8752.741672	10102.523446

Table N-1. Big Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
136	344.942880	279.090148	225.780794	470.376655	8560.855113	9881.045591
137	387.973853	313.906117	253.946522	529.055253	9628.805612	11113.687357
138	318.194445	257.448233	208.272727	433.901515	7897.007582	9114.824502
139	343.002844	277.520483	224.510953	467.731151	8512.706953	9825.472385
140	400.980662	324.429808	262.460069	546.791811	9951.610965	11486.273316
141	566.947785	458.712299	371.093096	773.110617	14070.613221	16240.477019
142	574.915761	465.159116	376.308498	783.976038	14268.363893	16468.723307
143	596.214716	482.391907	390.249632	813.020068	14796.965231	17078.841554
144	951.994165	770.249825	623.123454	1298.173862	23626.764285	27270.305591
145	685.832136	554.900546	448.908307	935.225640	17021.106640	19645.973269
146	836.057255	676.446325	547.237476	1140.078075	20749.420972	23949.240104
147	1084.517381	877.473153	709.865922	1478.887337	26915.749537	31066.493330
148	1041.637929	842.779779	681.799372	1420.415358	25851.559514	29838.191952
149	824.099916	666.771750	539.410854	1123.772613	20452.661550	23606.716683
150	1121.431298	907.339868	734.027759	1529.224497	27831.885854	32123.909276
151	939.236364	759.927604	614.772893	1280.776860	23310.138859	26904.852581
152	1126.089075	911.108434	737.076486	1535.576012	27947.483412	32257.333418
153	1028.520267	832.166398	673.213265	1402.527636	25526.002984	29462.430550
154	945.550552	765.036356	618.905816	1289.387117	23466.845528	27085.725370
155	862.304686	697.682883	564.417613	1175.870027	21400.834491	24701.109700
156	1437.566879	1163.122293	940.952866	1960.318471	35677.796170	41179.756678
157	1339.447614	1083.734888	876.729348	1826.519474	33242.654431	38369.085755
158	928.491269	751.233845	607.739740	1266.124458	23043.465127	26597.054438
159	1156.534682	935.741697	757.004519	1577.092748	28703.088012	33129.461658
160	833.177593	674.116416	545.352606	1136.151263	20677.952982	23866.750860
161	1093.994177	885.140743	716.068916	1491.810241	27150.946386	31337.960462
162	947.417904	766.547214	620.128083	1291.933506	23513.189809	27139.216516
163	975.775651	789.491209	638.689517	1330.603161	24216.977522	27951.537059
164	780.929643	631.843075	511.153948	1064.904059	19381.253870	22370.084595
165	635.899043	514.500135	416.224828	867.135059	15781.858069	18215.617133
166	761.405525	616.046288	498.374525	1038.280261	18896.700753	21810.807353
167	672.632110	544.220525	440.268290	917.225605	16693.506006	19267.852537
168	694.938854	562.268709	454.869068	947.643891	17247.118822	19906.839344
169	663.849294	537.114429	434.519538	905.249037	16475.532479	19016.264778
170	650.465906	526.286051	425.759502	886.998963	16143.381121	18632.891543
171	426.953994	345.444595	279.460796	582.209991	10596.221841	12230.291216
172	382.672818	309.617098	250.476754	521.826570	9497.243577	10961.836817
173	454.747331	367.931931	297.652798	620.109996	11286.001933	13026.443990
174	486.258675	393.427474	318.278406	663.080012	12068.056211	13929.100776
175	476.005590	385.131795	311.567295	649.098531	11813.593271	13635.396483
176	602.021916	487.090460	394.050709	820.938977	14941.089380	17245.191441
177	456.478576	369.332666	298.785977	622.470785	11328.968285	13076.036288
178	438.039229	354.413558	286.716586	597.326222	10871.337234	12547.832829
179	480.462331	388.737704	314.484435	655.175906	11924.201486	13763.061861
180	559.888883	453.001005	366.472723	763.484841	13895.424097	16038.271550
181	438.787244	355.018770	287.206196	598.346242	10889.901598	12569.260049

Table N-1. Big Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
182	436.442495	353.121655	285.671451	595.148856	10831.709182	12502.093638
183	309.749742	250.615701	202.745286	422.386012	7687.425423	8872.922164
184	276.899585	224.036937	181.243365	377.590344	6872.144258	7931.914489
185	195.129038	157.877131	127.720825	266.085052	4842.747955	5589.560002
186	190.973737	154.515115	125.000992	260.418733	4739.620936	5470.529513
187	149.472984	120.937233	97.836862	203.826797	3709.647700	4281.721576
188	85.773753	69.398764	56.142820	116.964209	2128.748603	2457.028149
189	86.854476	70.273167	56.850203	118.437922	2155.570189	2487.985958
190	245.530351	198.656375	160.710775	334.814115	6093.616893	7033.328509
191	295.144123	238.798427	193.185244	402.469259	7324.940518	8454.537573
192	143.930895	116.453178	94.209313	196.269402	3572.103111	4122.965898
193	78.064486	63.161266	51.096755	106.451572	1937.418619	2236.192699
194	37.557493	30.387427	24.583087	51.214764	932.108701	1075.851471
195	53.817670	43.543387	35.226111	73.387731	1335.656713	1541.631613
196	26.532504	21.467208	17.366730	36.180687	658.488505	760.035633
197	23.694110	19.170689	15.508872	32.310151	588.044740	678.728563
198	26.669547	21.578088	17.456431	36.367564	661.889657	763.961285
199	30.892002	24.994438	20.220219	42.125457	766.683319	884.915436
200	71.540645	57.882886	46.826604	97.555425	1775.508741	2049.314301
201	64.399329	52.104912	42.152288	87.817267	1598.274264	1844.748061
202	32.689965	26.449154	21.397068	44.577225	811.305499	936.418911
203	44.333223	35.869607	29.018109	60.454395	1100.269981	1269.945315
204	16.865180	13.645464	11.039027	22.997973	418.563106	483.110750
205	6.108705	4.942498	3.998425	8.330053	151.606957	174.986638
206	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
207	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
208	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
209	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
210	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
211	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
212	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
213	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
214	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
215	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
216	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
217	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
218	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
219	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
220	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
221	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
222	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
223	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
224	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
225	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
226	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
227	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000

Table N-1. Big Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
228	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
229	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
230	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
231	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
232	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
233	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
234	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
235	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
236	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
237	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
238	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
239	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
240	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
241	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
242	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
243	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
244	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
245	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
246	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
247	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
248	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
249	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
250	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
251	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
252	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
253	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
254	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
255	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
256	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
257	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
258	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
259	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
260	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
261	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
262	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
263	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
264	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
265	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
266	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
267	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
268	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
269	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
270	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
271	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
272	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
273	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000

Table N-1. Big Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
274	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
275	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
276	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
277	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
278	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
279	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
280	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
281	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
282	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
283	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
284	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
285	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
286	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
287	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
288	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
289	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
290	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
291	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
292	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
293	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
294	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
295	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
296	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
297	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
298	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
299	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
300	2.200000	1.780000	1.440000	3.000000	54.600000	63.020000
301	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
302	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
303	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
304	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
305	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
306	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
307	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
308	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
309	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
310	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
311	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
312	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
313	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
314	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
315	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
316	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
317	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
318	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
319	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151

Table N-1. Big Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
320	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
321	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
322	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
323	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
324	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
325	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
326	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
327	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
328	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
329	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
330	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
331	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
332	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
333	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
334	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
335	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
336	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
337	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
338	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
339	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
340	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
341	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
342	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
343	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
344	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
345	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
346	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
347	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
348	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
349	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
350	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
351	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
352	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
353	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
354	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
355	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
356	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
357	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
358	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
359	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
360	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
361	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
362	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
363	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
364	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151
365	0.000110	0.000089	0.000072	0.000150	0.002730	0.003151

Table N-2. Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
1	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
2	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
3	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
4	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
5	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
6	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
7	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
8	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
9	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
10	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
11	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
12	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
13	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
14	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
15	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
16	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
17	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
18	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
19	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
20	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
21	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
22	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
23	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
24	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
25	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
26	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
27	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
28	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
29	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
30	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
31	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
32	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
33	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
34	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
35	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
36	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
37	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
38	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
39	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
40	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
41	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
42	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
43	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
44	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
45	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
46	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053

Table N-2. Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
47	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
48	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
49	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
50	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
51	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
52	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
53	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
54	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
55	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
56	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
57	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
58	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
59	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
60	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
61	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
62	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
63	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
64	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
65	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
66	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
67	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
68	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
69	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
70	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
71	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
72	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
73	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
74	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
75	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
76	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
77	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
78	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
79	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
80	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
81	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
82	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
83	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
84	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
85	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
86	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
87	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
88	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
89	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
90	0.532860	0.084506	0.938960	0.469480	7.488208	9.514014
91	0.019544	0.003099	0.034439	0.017219	0.274649	0.348951

Table N-2. Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
92	0.000801	0.000127	0.001411	0.000705	0.011252	0.014295
93	0.038754	0.006146	0.068289	0.034144	0.544604	0.691937
94	0.217744	0.034532	0.383690	0.191845	3.059926	3.887737
95	0.547277	0.086793	0.964365	0.482182	7.690809	9.771426
96	1.004299	0.159272	1.769689	0.884845	14.113273	17.931378
97	0.353520	0.056065	0.622943	0.311471	4.967968	6.311966
98	4.775378	0.757329	8.414763	4.207381	67.107733	85.262584
99	4.137716	0.656202	7.291129	3.645565	58.146757	73.877369
100	0.309922	0.049151	0.546119	0.273059	4.355298	5.533549
101	0.595644	0.094463	1.049594	0.524797	8.370509	10.635007
102	1.914115	0.303560	3.372890	1.686445	26.898801	34.175812
103	12.927643	2.050199	22.779987	11.389994	181.670397	230.818220
104	81.380952	12.906230	143.402559	71.701280	1143.635410	1453.026432
105	23.284647	3.692719	41.030214	20.515107	327.215960	415.738648
106	8.338029	1.322331	14.692562	7.346281	117.173185	148.872388
107	2.936883	0.465761	5.175125	2.587562	41.271622	52.436954
108	4.729512	0.750055	8.333943	4.166971	66.463192	84.443673
109	4.035485	0.639989	7.110988	3.555494	56.710126	72.052082
110	1.566583	0.248445	2.760499	1.380249	22.014976	27.970752
111	3.938891	0.624670	6.940778	3.470389	55.352704	70.327433
112	8.418710	1.335126	14.834732	7.417366	118.306985	150.312918
113	16.694467	2.647581	29.417562	14.708781	234.605059	298.073450
114	24.948043	3.956518	43.961309	21.980654	350.591435	445.437959
115	56.158040	8.906121	98.956899	49.478449	789.181269	1002.680778
116	27.155468	4.306594	47.851045	23.925523	381.612085	484.850715
117	29.547686	4.685977	52.066407	26.033203	415.229592	527.562864
118	190.429661	30.200299	335.558874	167.779437	2676.082016	3400.050286
119	58.812585	9.327106	103.634511	51.817256	826.485226	1050.076684
120	26.058447	4.132617	45.917968	22.958984	366.195797	465.263813
121	75.405063	11.958512	132.872357	66.436179	1059.657048	1346.329159
122	256.993031	40.756604	452.851155	226.425578	3611.487964	4588.514332
123	155.159775	24.606837	273.409295	136.704648	2180.439131	2770.319686
124	205.980939	32.666581	362.962007	181.481004	2894.622006	3677.712537
125	395.548099	62.730095	697.001056	348.500528	5558.583425	7062.363204
126	267.003887	42.344229	470.491431	235.245716	3752.169162	4767.254425
127	291.005455	46.150645	512.784943	256.392471	4089.459918	5195.793432
128	463.310703	73.476587	816.406526	408.203263	6510.842042	8272.239121
129	388.230730	61.569631	684.107013	342.053507	5455.753431	6931.714313
130	241.981185	38.375871	426.398564	213.199282	3400.528551	4320.483454
131	174.069665	27.605762	306.730687	153.365343	2446.177228	3107.948684
132	236.766765	37.548914	417.210159	208.605080	3327.251019	4227.381938
133	698.558778	110.784652	1230.940577	615.470289	9816.751103	12472.505398
134	814.321557	129.143507	1434.927853	717.463927	11443.549631	14539.406474
135	727.792073	115.420769	1282.452992	641.226496	10227.562613	12994.454944
136	711.836671	112.890397	1254.337746	627.168873	10003.343521	12709.577207

Table N-2. Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
137	800.636950	126.973261	1410.814009	705.407005	11251.241723	14295.072947
138	656.637627	104.136364	1157.070708	578.535354	9227.638896	11724.018948
139	707.833142	112.255476	1247.283070	623.641535	9947.082484	12638.095708
140	827.478274	131.230035	1458.111497	729.055748	11628.439187	14774.314741
141	1169.974066	185.546548	2061.628311	1030.814155	16441.485779	20889.448859
142	1186.417071	188.154249	2090.602768	1045.301384	16672.557077	21183.032549
143	1230.370369	195.124816	2168.053514	1084.026757	17290.226771	21967.802227
144	1964.569778	311.561727	3461.796965	1730.898482	27607.830795	35076.657747
145	1415.308135	224.454153	2493.935039	1246.967519	19889.131935	25269.796781
146	1725.318154	273.618738	3040.208201	1520.104101	24245.660403	30804.909597
147	2238.049504	354.932961	3943.699566	1971.849783	31451.004038	39959.535852
148	2149.561908	340.899686	3787.774288	1893.887144	30207.499945	38379.622971
149	1700.642554	269.705427	2996.726967	1498.363484	23898.897562	30364.335993
150	2314.226406	367.013879	4077.931993	2038.965997	32521.507646	41319.645921
151	1938.242315	307.386446	3415.404961	1707.702481	27237.854565	34606.590768
152	2323.838364	368.538243	4094.869364	2047.434682	32656.583181	41491.263834
153	2122.491823	336.606633	3740.073697	1870.036849	29827.087735	37896.296737
154	1951.272504	309.452908	3438.365645	1719.182823	27420.966020	34839.239899
155	1779.483307	282.208806	3135.653405	1567.826703	25006.835907	31772.008128
156	2966.615286	470.476433	5227.515922	2613.757961	41689.439480	52967.805083
157	2764.132804	438.364674	4870.718598	2435.359299	38843.980818	49352.556193
158	1916.068346	303.869870	3376.331887	1688.165943	26926.246797	34210.682842
159	2386.667025	378.502260	4205.580661	2102.790331	33539.505772	42613.046049
160	1719.375578	272.676303	3029.736701	1514.868350	24162.150188	30698.807120
161	2257.606165	358.034458	3978.160643	1989.080321	31725.831125	40308.712711
162	1955.126039	310.064041	3445.156016	1722.578008	27475.119228	34908.043332
163	2013.646116	319.344759	3548.275095	1774.137547	28297.493881	35952.897398
164	1611.554809	255.576974	2839.744157	1419.872078	22646.959651	28773.707669
165	1312.264389	208.112414	2312.360157	1156.180078	18441.072249	23429.989286
166	1571.264129	249.187263	2768.747363	1384.373682	22080.760221	28054.332657
167	1388.068082	220.134145	2445.934946	1222.967473	19506.331194	24783.435840
168	1434.101089	227.434534	2527.050377	1263.525188	20153.226755	25605.337943
169	1369.943543	217.259769	2413.997433	1206.998716	19251.629527	24459.828989
170	1342.325097	212.879751	2365.330567	1182.665284	18863.511273	23966.711972
171	881.077787	139.730398	1552.559977	776.279988	12381.665814	15731.313964
172	789.697543	125.238377	1391.537520	695.768760	11097.511725	14099.753925
173	938.433128	148.826399	1653.626657	826.813328	13187.672589	16755.372101
174	1003.461084	159.139203	1768.213364	884.106682	14101.501579	17916.421913
175	982.302444	155.783648	1730.929417	865.464709	13804.162101	17538.642318
176	1242.354318	197.025354	2189.170605	1094.585303	17458.635575	22181.771156
177	942.005788	149.392988	1659.922093	829.961047	13237.878692	16819.160608
178	903.953682	143.358293	1592.869924	796.434962	12703.137647	16139.754509
179	991.499537	157.242217	1747.135749	873.567874	13933.407597	17702.852975
180	1155.407059	183.236362	2035.959575	1017.979787	16236.777608	20629.360391
181	905.497312	143.603098	1595.589978	797.794989	12724.830072	16167.315449

Table N-2. Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
182	900.658602	142.835725	1587.063616	793.531808	12656.832341	16080.922093
183	639.210832	101.372643	1126.362699	563.181350	8982.742527	11412.870051
184	571.420054	90.621683	1006.907584	503.453792	8030.087979	10202.491090
185	402.675379	63.860413	709.560140	354.780070	5658.742116	7189.618117
186	394.100349	62.500496	694.449954	347.224977	5538.238383	7036.514159
187	308.457886	48.918431	543.538125	271.769062	4334.716543	5507.400047
188	177.005836	28.071410	311.904557	155.952279	2487.438844	3160.372926
189	179.236056	28.425101	315.834460	157.917230	2518.779818	3200.192665
190	506.685361	80.355388	892.837640	446.418820	7120.380179	9046.677387
191	609.070146	96.592622	1073.251358	536.625679	8559.179580	10874.719385
192	297.021028	47.104656	523.385071	261.692536	4173.995943	5303.199234
193	161.096713	25.548377	283.870860	141.935430	2263.870108	2876.321489
194	77.505009	12.291543	136.572703	68.286352	1089.167310	1383.822917
195	111.060100	17.613056	195.700617	97.850309	1560.712423	1982.936505
196	54.753440	8.683365	96.481832	48.240916	769.442612	977.602165
197	48.896028	7.754436	86.160401	43.080201	687.129202	873.020268
198	55.036246	8.728215	96.980169	48.490085	773.416852	982.651567
199	63.749858	10.110110	112.334552	56.167276	895.868054	1138.229851
200	147.633877	23.413302	260.147801	130.073900	2074.678712	2635.947592
201	132.896798	21.076144	234.179379	117.089690	1867.580550	2372.822561
202	67.460201	10.698534	118.872601	59.436300	948.008990	1204.476626
203	91.487650	14.509055	161.211719	80.605859	1285.663457	1633.477741
204	34.803599	5.519513	61.327928	30.663964	489.090223	621.405227
205	12.606146	1.999213	22.213474	11.106737	177.152451	225.078021
206	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
207	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
208	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
209	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
210	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
211	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
212	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
213	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
214	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
215	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
216	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
217	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
218	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
219	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
220	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
221	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
222	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
223	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
224	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
225	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
226	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000

Table N-2. Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
227	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
228	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
229	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
230	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
231	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
232	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
233	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
234	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
235	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
236	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
237	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
238	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
239	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
240	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
241	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
242	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
243	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
244	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
245	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
246	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
247	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
248	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
249	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
250	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
251	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
252	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
253	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
254	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
255	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
256	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
257	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
258	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
259	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
260	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
261	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
262	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
263	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
264	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
265	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
266	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
267	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
268	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
269	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
270	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
271	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000

Table N-2. Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
272	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
273	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
274	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
275	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
276	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
277	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
278	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
279	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
280	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
281	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
282	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
283	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
284	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
285	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
286	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
287	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
288	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
289	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
290	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
291	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
292	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
293	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
294	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
295	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
296	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
297	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
298	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
299	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
300	4.540000	0.720000	8.000000	4.000000	63.800000	81.060000
301	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
302	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
303	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
304	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
305	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
306	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
307	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
308	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
309	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
310	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
311	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
312	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
313	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
314	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
315	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
316	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053

Table N-2. Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
317	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
318	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
319	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
320	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
321	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
322	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
323	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
324	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
325	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
326	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
327	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
328	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
329	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
330	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
331	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
332	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
333	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
334	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
335	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
336	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
337	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
338	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
339	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
340	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
341	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
342	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
343	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
344	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
345	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
346	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
347	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
348	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
349	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
350	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
351	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
352	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
353	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
354	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
355	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
356	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
357	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
358	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
359	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
360	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
361	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053

Table N-2. Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
362	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
363	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
364	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053
365	0.000227	0.000036	0.000400	0.000200	0.003190	0.004053

Table N-3. North Fork Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
1	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
2	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
3	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
4	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
5	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
6	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
7	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
8	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
9	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
10	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
11	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
12	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
13	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
14	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
15	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
16	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
17	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
18	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
19	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
20	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
21	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
22	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
23	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
24	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
25	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
26	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
27	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
28	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
29	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
30	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
31	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
32	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
33	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
34	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
35	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
36	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
37	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309

Table N-3. North Fork Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
38	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
39	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
40	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
41	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
42	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
43	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
44	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
45	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
46	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
47	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
48	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
49	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
50	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
51	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
52	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
53	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
54	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
55	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
56	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
57	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
58	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
59	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
60	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
61	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
62	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
63	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
64	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
65	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
66	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
67	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
68	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
69	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
70	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
71	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
72	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
73	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
74	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
75	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
76	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
77	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
78	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
79	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
80	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
81	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
82	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
83	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309

Table N-3. North Fork Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
84	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
85	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
86	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
87	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
88	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
89	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
90	0.302815	0.049295	0.528165	0.267604	4.272269	5.420148
91	0.011106	0.001808	0.019372	0.009815	0.156696	0.198798
92	0.000455	0.000074	0.000794	0.000402	0.006419	0.008144
93	0.022023	0.003585	0.038412	0.019462	0.310714	0.394197
94	0.123740	0.020144	0.215826	0.109352	1.745789	2.214849
95	0.311008	0.050629	0.542455	0.274844	4.387860	5.566795
96	0.570725	0.092909	0.995450	0.504361	8.052087	10.215532
97	0.200899	0.032704	0.350405	0.177539	2.834389	3.595936
98	2.713761	0.441775	4.733304	2.398207	38.287171	48.574218
99	2.351389	0.382784	4.101260	2.077972	33.174639	42.088044
100	0.176123	0.028671	0.307192	0.155644	2.484841	3.152471
101	0.338494	0.055104	0.590396	0.299134	4.775651	6.058779
102	1.087757	0.177077	1.897251	0.961274	15.346651	19.470010
103	7.346546	1.195949	12.813743	6.492296	103.648942	131.497476
104	46.247325	7.528634	80.663940	40.869729	652.481645	827.791273
105	13.232244	2.154086	23.079496	11.693611	186.687476	236.846913
106	4.738351	0.771360	8.264566	4.187380	66.851159	84.812816
107	1.668978	0.271694	2.911008	1.474911	23.546819	29.873409
108	2.687696	0.437532	4.687843	2.375174	37.919439	48.107683
109	2.293293	0.373327	3.999931	2.026631	32.354994	41.048176
110	0.890261	0.144926	1.552780	0.786742	12.560269	15.934978
111	2.238401	0.364391	3.904188	1.978122	31.580540	40.065641
112	4.784201	0.778823	8.344537	4.227899	67.498029	85.633488
113	9.487164	1.544422	16.547379	8.384005	133.849909	169.812878
114	14.177522	2.307969	24.728236	12.528973	200.023954	253.766653
115	31.913600	5.195237	55.663256	28.202716	450.253890	571.228699
116	15.431962	2.512180	26.916213	13.637548	217.722255	276.220158
117	16.791416	2.733486	29.287354	14.838926	236.902150	300.553332
118	108.217737	17.616841	188.751866	95.634279	1526.792875	1937.013597
119	33.422130	5.440812	58.294413	29.535836	471.537026	598.230215
120	14.808545	2.410693	25.828857	13.086621	208.926756	265.061472
121	42.851335	6.975799	74.740701	37.868622	604.569225	767.005682
122	146.044498	23.774686	254.728775	129.062579	2060.472757	2614.083295
123	88.174498	14.353988	153.792729	77.921649	1244.012294	1578.255158
124	117.055247	19.055505	204.166129	103.444172	1651.477132	2095.198186
125	224.782841	36.592555	392.063094	198.645301	3171.354807	4023.438598
126	151.733487	24.700800	264.651430	134.090058	2140.736011	2715.911786
127	165.373144	26.921209	288.441530	146.143709	2333.171489	2960.051082
128	263.291105	42.861343	459.228671	232.675860	3714.649692	4712.706669
129	220.624512	35.915618	384.810195	194.970499	3112.686911	3949.007735

Table N-3. North Fork Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
130	137.513537	22.385925	239.849193	121.523591	1940.113468	2461.385713
131	98.920647	16.103361	172.536011	87.418246	1395.624625	1770.602890
132	134.550276	21.903533	234.680715	118.904895	1898.306224	2408.345644
133	396.978336	64.624380	692.404075	350.818064	5600.779626	7105.604482
134	462.764233	75.333712	807.146918	408.954438	6528.921733	8283.121033
135	413.591090	67.328782	721.379808	365.499103	5835.161115	7402.959898
136	404.523923	65.852732	705.564982	357.486257	5707.236742	7240.664636
137	454.987518	74.067735	793.582880	402.081993	6419.203742	8143.923868
138	373.155303	60.746212	650.852273	329.765152	5264.671721	6679.190662
139	402.248790	65.482361	701.596727	355.475675	5675.137969	7199.941522
140	470.240958	76.550854	820.187717	415.561777	6634.407310	8416.948615
141	664.875130	108.235486	1159.665925	587.564069	9380.408814	11900.749424
142	674.219393	109.756645	1175.964057	595.821789	9512.242596	12068.004480
143	699.197258	113.822809	1219.530101	617.895251	9864.643487	12515.088908
144	1116.429521	181.744341	1947.260793	986.612135	15751.176190	19983.222980
145	804.294050	130.931590	1402.838459	710.771486	11347.404427	14396.240012
146	980.467145	159.610931	1710.117113	866.459337	13832.947315	17549.601841
147	1271.843110	207.044227	2218.331006	1123.954376	17943.833025	22765.005744
148	1221.557208	198.858150	2130.623037	1079.515672	17234.373009	21864.927076
149	966.444447	157.328166	1685.658919	854.067186	13635.107700	17298.606417
150	1315.133068	214.091430	2293.836746	1162.210618	18554.590569	23539.862431
151	1101.468100	179.308760	1921.165291	973.390414	15540.092573	19715.425138
152	1320.595370	214.980642	2303.364017	1167.037769	18631.655608	23637.633406
153	1206.173767	196.353869	2103.791455	1065.921004	17017.335322	21589.575417
154	1108.872921	180.514196	1934.080675	979.934209	15644.563685	19847.965687
155	1011.248223	164.621804	1763.805040	893.661220	14267.222994	18100.559282
156	1685.873885	274.444586	2940.477706	1489.842038	23785.197446	30175.835661
157	1570.806748	255.712726	2739.779211	1388.154800	22161.769621	28116.223107
158	1088.867033	177.257424	1899.186686	962.254588	15362.310085	19489.875816
159	1356.299763	220.792985	2365.639122	1198.590488	19135.392008	24276.714366
160	977.090086	159.061177	1704.226894	863.474960	13785.301988	17489.155105
161	1282.956807	208.853434	2237.715361	1133.775783	18100.630924	22963.932309
162	1111.062815	180.870691	1937.900259	981.869465	15675.459873	19887.163102
163	1144.318718	186.284442	1995.904741	1011.258402	16144.651681	20482.417985
164	915.817491	149.086568	1597.356088	809.327085	12920.835914	16392.423145
165	745.736150	121.398908	1300.702588	659.022645	10521.238712	13348.099004
166	892.921025	145.359237	1557.420392	789.092998	12597.800502	15982.594154
167	788.814020	128.411585	1375.838407	697.091460	11129.004004	14119.159475
168	814.973747	132.670145	1421.465837	720.209357	11498.079215	14587.398300
169	778.514172	126.734865	1357.873556	687.989268	10983.688320	13934.800181
170	762.819108	124.179855	1330.498444	674.119212	10762.254081	13653.870699
171	500.700592	81.509399	873.314987	442.479593	7064.147894	8962.152465
172	448.770850	73.055720	782.739855	396.588193	6331.495718	8032.650336
173	533.294597	86.815399	930.164995	471.283597	7524.001289	9545.559877
174	570.248810	92.831202	994.620017	503.940809	8045.370807	10207.011645
175	558.224737	90.873794	973.647797	493.314884	7875.728847	9991.790060

Table N-3. North Fork Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
176	706.007520	114.931457	1231.408465	623.913622	9960.726253	12636.987318
177	535.324875	87.145910	933.706177	473.077797	7552.645524	9581.900282
178	513.700551	83.625671	895.989332	453.967928	7247.558156	9194.841638
179	563.451279	91.724627	982.763859	497.933688	7949.467657	10085.341110
180	656.596963	106.887878	1145.227261	580.248479	9263.616065	11752.576645
181	514.577768	83.768474	897.519362	454.743144	7259.934398	9210.543146
182	511.828016	83.320840	892.723284	452.313131	7221.139455	9161.324726
183	363.251971	59.134042	633.579018	321.013369	5124.950282	6501.928682
184	324.727696	52.862648	566.385516	286.968661	4581.429505	5812.374026
185	228.833145	37.251907	399.127579	202.224640	3228.498636	4095.935907
186	223.960110	36.458623	390.628099	197.918237	3159.747291	4008.712359
187	175.291045	28.535752	305.740195	154.908365	2473.098467	3137.573824
188	100.589220	16.374989	175.446313	88.892799	1419.165735	1800.469056
189	101.856613	16.581309	177.656884	90.012821	1437.046793	1823.154420
190	287.940139	46.873976	502.221172	254.458727	4062.411262	5153.905277
191	346.123563	56.345696	603.703889	305.876637	4883.293679	6195.343464
192	168.791685	27.477716	294.404103	149.164745	2381.402074	3021.240323
193	91.548352	14.903220	159.677359	80.903195	1291.612413	1638.644539
194	44.044697	7.170067	76.822146	38.923220	621.405800	788.365930
195	63.113449	10.274282	110.081597	55.774676	890.437809	1129.681813
196	31.115391	5.065296	54.271031	27.497322	438.992337	556.941377
197	27.786729	4.523421	48.465226	24.555714	392.029827	497.360917
198	31.276105	5.091459	54.551345	27.639348	441.259771	559.818028
199	36.227893	5.897564	63.188186	32.015347	511.122213	648.451203
200	83.897666	13.657760	146.333138	74.142123	1183.672494	1501.703181
201	75.522850	12.294417	131.725901	66.741123	1065.516176	1351.800467
202	38.336414	6.240812	66.865838	33.878691	540.870333	686.192087
203	51.990779	8.463615	90.681592	45.945340	733.513321	930.594647
204	19.778257	3.219716	34.496959	17.478459	279.042071	354.015462
205	7.163845	1.166207	12.495079	6.330840	101.071305	128.227276
206	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
207	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
208	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
209	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
210	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
211	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
212	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
213	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
214	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
215	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
216	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
217	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
218	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
219	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
220	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
221	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000

Table N-3. North Fork Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
222	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
223	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
224	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
225	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
226	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
227	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
228	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
229	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
230	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
231	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
232	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
233	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
234	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
235	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
236	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
237	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
238	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
239	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
240	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
241	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
242	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
243	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
244	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
245	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
246	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
247	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
248	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
249	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
250	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
251	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
252	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
253	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
254	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
255	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
256	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
257	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
258	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
259	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
260	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
261	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
262	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
263	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
264	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
265	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
266	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
267	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000

Table N-3. North Fork Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
268	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
269	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
270	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
271	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
272	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
273	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
274	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
275	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
276	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
277	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
278	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
279	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
280	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
281	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
282	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
283	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
284	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
285	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
286	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
287	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
288	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
289	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
290	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
291	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
292	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
293	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
294	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
295	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
296	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
297	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
298	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
299	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
300	2.580000	0.420000	4.500000	2.280000	36.400000	46.180000
301	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
302	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
303	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
304	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
305	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
306	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
307	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
308	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
309	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
310	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
311	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
312	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
313	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309

Table N-3. North Fork Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
314	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
315	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
316	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
317	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
318	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
319	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
320	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
321	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
322	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
323	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
324	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
325	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
326	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
327	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
328	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
329	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
330	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
331	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
332	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
333	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
334	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
335	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
336	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
337	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
338	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
339	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
340	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
341	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
342	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
343	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
344	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
345	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
346	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
347	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
348	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
349	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
350	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
351	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
352	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
353	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
354	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
355	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
356	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
357	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
358	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
359	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309

Table N-3. North Fork Little Joe Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Upland Timber Harvest	Natural Background	TMDL
360	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
361	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
362	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
363	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
364	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309
365	0.000129	0.000021	0.000225	0.000114	0.001820	0.002309

Table N-4. Twelvemile Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Natural Background	TMDL
1	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
2	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
3	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
4	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
5	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
6	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
7	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
8	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
9	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
10	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
11	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
12	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
13	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
14	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
15	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
16	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
17	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
18	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
19	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
20	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
21	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
22	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
23	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
24	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
25	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
26	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
27	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
28	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
29	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
30	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
31	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
32	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
33	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
34	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868

Table N-4. Twelvemile Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Natural Background	TMDL
35	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
36	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
37	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
38	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
39	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
40	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
41	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
42	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
43	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
44	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
45	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
46	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
47	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
48	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
49	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
50	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
51	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
52	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
53	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
54	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
55	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
56	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
57	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
58	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
59	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
60	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
61	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
62	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
63	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
64	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
65	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
66	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
67	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
68	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
69	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
70	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
71	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
72	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
73	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
74	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
75	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
76	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
77	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
78	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868

Table N-4. Twelvemile Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Natural Background	TMDL
79	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
80	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
81	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
82	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
83	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
84	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
85	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
86	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
87	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
88	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
89	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
90	0.915486	0.103286	0.187792	0.079812	0.469480	7.323890	9.079745
91	0.033578	0.003788	0.006888	0.002927	0.017219	0.268622	0.333023
92	0.001376	0.000155	0.000282	0.000120	0.000705	0.011005	0.013643
93	0.066582	0.007512	0.013658	0.005805	0.034144	0.532653	0.660353
94	0.374098	0.042206	0.076738	0.032614	0.191845	2.992780	3.710280
95	0.940256	0.106080	0.192873	0.081971	0.482182	7.522045	9.325407
96	1.725447	0.194666	0.353938	0.150424	0.884845	13.803577	17.112896
97	0.607369	0.068524	0.124589	0.052950	0.311471	4.858953	6.023855
98	8.204394	0.925624	1.682953	0.715255	4.207381	65.635150	81.370756
99	7.108851	0.802024	1.458226	0.619746	3.645565	56.870809	70.505221
100	0.532466	0.060073	0.109224	0.046420	0.273059	4.259727	5.280969
101	1.023354	0.115455	0.209919	0.089215	0.524797	8.186830	10.149570
102	3.288568	0.371018	0.674578	0.286696	1.686445	26.308545	32.615850
103	22.210487	2.505799	4.555997	1.936299	11.389994	177.683900	220.282476
104	139.817495	15.774282	28.680512	12.189218	71.701280	1118.539962	1386.702748
105	40.004459	4.513324	8.206043	3.487568	20.515107	320.035673	396.762174
106	14.325248	1.616182	2.938512	1.248868	7.346281	114.601987	142.077078
107	5.045747	0.569264	1.035025	0.439886	2.587562	40.365975	50.043459
108	8.125594	0.916734	1.666789	0.708385	4.166971	65.004752	80.589225
109	6.933213	0.782209	1.422198	0.604434	3.555494	55.465703	68.763250
110	2.691486	0.303655	0.552100	0.234642	1.380249	21.531889	26.694021
111	6.767259	0.763486	1.388156	0.589966	3.470389	54.138068	67.117323
112	14.463863	1.631820	2.966946	1.260952	7.417366	115.710907	143.451855
113	28.682123	3.235932	5.883512	2.500493	14.708781	229.456986	284.467828
114	42.862276	4.835744	8.792262	3.736711	21.980654	342.898206	425.105853
115	96.482976	10.885259	19.791380	8.411336	49.478449	771.863811	956.913212
116	46.654769	5.263615	9.570209	4.067339	23.925523	373.238152	462.719606
117	50.764746	5.727305	10.413281	4.425645	26.033203	406.117971	503.482151
118	327.169902	36.911476	67.111775	28.522504	167.779437	2617.359213	3244.854307
119	101.043648	11.399796	20.726902	8.808933	51.817256	808.349187	1002.145723
120	44.770019	5.050977	9.183594	3.903027	22.958984	358.160152	444.026753
121	129.550548	14.615959	26.574471	11.294150	66.436179	1036.404386	1284.875693
122	441.529877	49.813627	90.570231	38.492348	226.425578	3532.239012	4379.070673

Table N-4. Twelvemile Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Natural Background	TMDL
123	266.574063	30.075022	54.681859	23.239790	136.704648	2132.592504	2643.867886
124	353.887957	39.925821	72.592401	30.851771	181.481004	2831.103655	3509.842608
125	679.576030	76.670116	139.400211	59.245090	348.500528	5436.608240	6740.000215
126	458.729145	51.754057	94.098286	39.991772	235.245716	3669.833162	4549.652138
127	499.965319	56.406344	102.556989	43.586720	256.392471	3999.722553	4958.630396
128	795.996362	89.804718	163.281305	69.394555	408.203263	6367.970900	7894.651103
129	667.004338	75.251771	136.821403	58.149096	342.053507	5336.034704	6615.314819
130	415.738600	46.903842	85.279713	36.243878	213.199282	3325.908803	4123.274118
131	299.062420	33.740376	61.346137	26.072108	153.365343	2392.499357	2966.085742
132	406.779905	45.893118	83.442032	35.462864	208.605080	3254.239242	4034.422239
133	1200.167063	135.403463	246.188115	104.629949	615.470289	9601.336502	11903.195381
134	1399.054657	157.842064	286.985571	121.968868	717.463927	11192.437256	13875.752342
135	1250.391667	141.069829	256.490598	109.008504	641.226496	10003.133339	12401.320435
136	1222.979302	137.977152	250.867549	106.618708	627.168873	9783.834415	12129.445999
137	1375.543659	155.189541	282.162802	119.919191	705.407005	11004.349271	13642.571468
138	1128.143940	127.277778	231.414142	98.351010	578.535354	9025.151522	11188.873746
139	1216.100993	137.201138	249.456614	106.019061	623.641535	9728.807947	12061.227288
140	1421.658709	160.392265	291.622299	123.939477	729.055748	11373.269675	14099.938174
141	2010.087603	226.779114	412.325662	175.238406	1030.814155	16080.700824	19935.945766
142	2038.337699	229.966305	418.120554	177.701235	1045.301384	16306.701592	20216.128769
143	2113.852176	238.485887	433.610703	184.284549	1084.026757	16910.817407	20965.077477
144	3375.252041	380.797666	692.359393	294.252742	1730.898482	27002.016326	33475.576651
145	2431.586663	274.332854	498.787008	211.984478	1246.967519	19452.693303	24116.351826
146	2964.202996	334.422902	608.041640	258.417697	1520.104101	23713.623968	29398.813304
147	3845.107077	433.806952	788.739913	335.214463	1971.849783	30760.856614	38135.574802
148	3693.079931	416.655172	757.554858	321.960814	1893.887144	29544.639444	36627.777363
149	2921.808793	329.639966	599.345393	254.721792	1498.363484	23374.470343	28978.349771
150	3975.983693	448.572519	815.586399	346.624219	2038.965997	31807.869547	39433.602374
151	3330.019837	375.694546	683.080992	290.309422	1707.702481	26640.158696	33026.965974
152	3992.497630	450.435630	818.973873	348.063896	2047.434682	31939.981042	39597.386753
153	3646.571855	411.408107	748.014739	317.906264	1870.036849	29172.574838	36166.512652
154	3352.406504	378.220221	687.673129	292.261080	1719.182823	26819.252032	33248.995789
155	3057.262070	344.921875	627.130681	266.530539	1567.826703	24458.096561	30321.768428
156	5096.828024	575.026751	1045.503184	444.338853	2613.757961	40774.624194	50550.078969
157	4748.950633	535.779046	974.143720	414.011081	2435.359299	37991.605064	47099.848842
158	3291.923590	371.396508	675.266377	286.988210	1688.165943	26335.388716	32649.129345
159	4100.441145	462.613873	841.116132	357.474356	2102.790331	32803.529157	40667.964993
160	2953.993283	333.271037	605.947340	257.527620	1514.868350	23631.946265	29297.553896
161	3878.706627	437.597671	795.632129	338.143655	1989.080321	31029.653012	38468.813414
162	3359.027116	378.967162	689.031203	292.838261	1722.578008	26872.216925	33314.658675
163	3459.568217	390.310260	709.655019	301.603383	1774.137547	27676.545739	34311.820167
164	2768.750553	312.371857	567.948831	241.378253	1419.872078	22150.004423	27460.325997
165	2254.551153	254.359617	462.472031	196.550613	1156.180078	18036.409221	22360.522714
166	2699.528679	304.562210	553.749473	235.343526	1384.373682	21596.229432	26773.787002

Table N-4. Twelvemile Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Natural Background	TMDL
167	2384.786572	269.052844	489.186989	207.904470	1222.967473	19078.292578	23652.190927
168	2463.874117	277.975541	505.410075	214.799282	1263.525188	19710.992939	24436.577144
169	2353.647497	265.539718	482.799487	205.189782	1206.998716	18829.179977	23343.355176
170	2306.197303	260.186362	473.066113	201.053098	1182.665284	18449.578424	22872.746584
171	1513.745977	170.781597	310.511995	131.967598	776.279988	12109.967818	15013.254974
172	1356.749082	153.069127	278.307504	118.280689	695.768760	10853.992659	13456.167822
173	1612.285990	181.898932	330.725331	140.558266	826.813328	12898.287924	15990.569772
174	1724.008030	194.503470	353.642673	150.298136	884.106682	13792.064241	17098.623232
175	1687.656182	190.402236	346.185883	147.129000	865.464709	13501.249453	16738.087463
176	2134.441340	240.808767	437.834121	186.079501	1094.585303	17075.530720	21169.279751
177	1618.424041	182.591430	331.984419	141.093378	829.961047	12947.392326	16051.446640
178	1553.048176	175.215692	318.573985	135.393944	796.434962	12424.385410	15403.052169
179	1703.457355	192.184932	349.427150	148.506539	873.567874	13627.658841	16894.802691
180	1985.060585	223.955553	407.191915	173.056564	1017.979787	15880.484683	19687.729088
181	1555.700228	175.514898	319.117996	135.625148	797.794989	12445.601826	15429.355084
182	1547.387026	174.576998	317.412723	134.900407	793.531808	12379.096208	15346.905171
183	1098.203632	123.899897	225.272540	95.740829	563.181350	8785.629055	10891.927302
184	981.734894	110.759834	201.381517	85.587145	503.453792	7853.879152	9736.796333
185	691.821136	78.051615	141.912028	60.312612	354.780070	5534.569091	6861.446553
186	677.088705	76.389495	138.889991	59.028246	347.224977	5416.709641	6715.331055
187	529.949671	59.789194	108.707625	46.200741	271.769062	4239.597371	5256.013664
188	304.106943	34.309501	62.380911	26.511887	155.952279	2432.855546	3016.117068
189	307.938598	34.741791	63.166892	26.845929	157.917230	2463.508787	3054.119227
190	870.516699	98.212140	178.567528	75.891199	446.418820	6964.133592	8633.739978
191	1046.420074	118.057649	214.650272	91.226365	536.625679	8371.360592	10378.340632
192	510.300444	57.572358	104.677014	44.487731	261.692536	4082.403555	5061.133638
193	276.774088	31.225795	56.774172	24.129023	141.935430	2214.192708	2745.031216
194	133.158386	15.022997	27.314541	11.608680	68.286352	1065.267087	1320.658042
195	190.808102	21.527068	39.140123	16.634552	97.850309	1526.464815	1892.424969
196	94.069786	10.613002	19.296366	8.200956	48.240916	752.558291	932.979318
197	84.006391	9.477644	17.232080	7.323634	43.080201	672.051131	833.171082
198	94.555665	10.667819	19.396034	8.243314	48.490085	756.445322	937.798239
199	109.526188	12.356801	22.466910	9.548437	56.167276	876.209508	1086.275120
200	253.644106	28.616258	52.029560	22.112563	130.073900	2029.152847	2515.629235
201	228.324895	25.759732	46.835876	19.905247	117.089690	1826.599159	2264.514598
202	115.900786	13.075986	23.774520	10.104171	59.436300	927.206285	1149.498048
203	157.181426	17.733289	32.242344	13.702996	80.605859	1257.451407	1558.917321
204	59.794729	6.746072	12.265586	5.212874	30.663964	478.357836	593.041061
205	21.658137	2.443482	4.442695	1.888145	11.106737	173.265094	214.804289
206	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
207	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
208	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
209	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
210	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000

Table N-4. Twelvemile Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Natural Background	TMDL
211	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
212	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
213	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
214	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
215	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
216	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
217	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
218	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
219	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
220	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
221	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
222	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
223	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
224	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
225	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
226	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
227	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
228	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
229	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
230	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
231	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
232	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
233	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
234	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
235	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
236	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
237	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
238	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
239	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
240	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
241	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
242	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
243	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
244	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
245	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
246	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
247	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
248	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
249	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
250	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
251	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
252	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
253	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
254	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000

Table N-4. Twelvemile Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Natural Background	TMDL
255	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
256	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
257	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
258	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
259	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
260	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
261	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
262	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
263	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
264	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
265	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
266	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
267	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
268	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
269	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
270	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
271	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
272	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
273	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
274	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
275	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
276	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
277	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
278	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
279	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
280	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
281	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
282	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
283	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
284	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
285	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
286	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
287	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
288	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
289	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
290	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
291	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
292	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
293	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
294	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
295	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
296	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
297	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
298	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000

Table N-4. Twelvemile Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Natural Background	TMDL
299	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
300	7.800000	0.880000	1.600000	0.680000	4.000000	62.400000	77.360000
301	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
302	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
303	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
304	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
305	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
306	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
307	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
308	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
309	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
310	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
311	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
312	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
313	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
314	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
315	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
316	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
317	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
318	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
319	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
320	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
321	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
322	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
323	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
324	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
325	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
326	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
327	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
328	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
329	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
330	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
331	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
332	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
333	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
334	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
335	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
336	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
337	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
338	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
339	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
340	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
341	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
342	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868

Table N-4. Twelvemile Creek Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Natural Background	TMDL
343	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
344	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
345	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
346	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
347	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
348	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
349	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
350	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
351	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
352	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
353	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
354	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
355	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
356	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
357	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
358	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
359	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
360	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
361	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
362	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
363	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
364	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868
365	0.000390	0.000044	0.000080	0.000034	0.000200	0.003120	0.003868

Table N-5. St. Regis River Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Traction Sand	190 Custslopes	Natural Background	TMDL
1	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
2	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
3	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
4	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
5	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
6	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
7	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
8	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
9	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
10	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
11	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
12	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
13	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
14	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
15	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
16	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
17	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
18	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
19	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
20	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
21	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
22	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
23	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
24	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
25	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
26	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
27	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
28	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
29	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
30	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
31	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452

Table N-5. St. Regis River Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Traction Sand	190 Custslopes	Natural Background	TMDL
32	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
33	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
34	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
35	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
36	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
37	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
38	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
39	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
40	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
41	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
42	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
43	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
44	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
45	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
46	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
47	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
48	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
49	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
50	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
51	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
52	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
53	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
54	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
55	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
56	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
57	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
58	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
59	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
60	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
61	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
62	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452

Table N-5. St. Regis River Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Traction Sand	190 Custslopes	Natural Background	TMDL
63	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
64	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
65	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
66	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
67	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
68	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
69	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
70	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
71	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
72	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
73	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
74	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
75	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
76	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
77	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
78	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
79	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
80	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
81	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
82	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
83	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
84	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
85	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
86	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
87	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
88	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
89	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
90	3.997623	1.218301	1.697171	0.234740	3.873211	9.866124	1.323934	56.314138	78.525242
91	0.146623	0.044684	0.062248	0.008610	0.142060	0.361865	0.048559	2.065463	2.880112
92	0.006007	0.001831	0.002550	0.000353	0.005820	0.014824	0.001989	0.084616	0.117989
93	0.290740	0.088605	0.123432	0.017072	0.281692	0.717545	0.096287	4.095625	5.710998

Table N-5. St. Regis River Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Traction Sand	190 Custslopes	Natural Background	TMDL
94	1.633559	0.497838	0.693519	0.095922	1.582720	4.031621	0.541003	23.011796	32.087978
95	4.105783	1.251263	1.743089	0.241091	3.978005	10.133062	1.359754	57.837775	80.649823
96	7.534452	2.296172	3.198714	0.442422	7.299969	18.595011	2.495262	106.137120	147.999122
97	2.652178	0.808268	1.125969	0.155736	2.569638	6.545570	0.878349	37.360985	52.096694
98	35.825853	10.918155	15.209684	2.103691	34.710897	88.418120	11.864816	504.675399	703.726613
99	31.041983	9.460240	13.178716	1.822782	30.075909	76.611542	10.280492	437.285486	609.757152
100	2.325101	0.708589	0.987110	0.136530	2.252740	5.738343	0.770028	32.753476	45.671916
101	4.468645	1.361848	1.897140	0.262398	4.329574	11.028605	1.479927	62.949377	87.777513
102	14.360081	4.376325	6.096499	0.843223	13.913173	35.440646	4.755775	202.289102	282.074825
103	96.985795	29.557033	41.174827	5.694997	93.967447	239.360715	32.119782	1366.229729	1905.090325
104	610.536396	186.064821	259.200126	35.850640	591.535557	1506.802392	202.197609	8600.568492	11992.756032
105	174.686138	53.236703	74.162113	10.257554	169.249635	431.124978	57.852602	2460.787111	3431.356834
106	62.553584	19.063600	26.556807	3.673141	60.606820	154.382099	20.716513	881.186429	1228.738992
107	22.033095	6.714725	9.354038	1.293781	21.347391	54.377626	7.296926	310.378120	432.795702
108	35.481760	10.813290	15.063601	2.083486	34.377513	87.568901	11.750859	499.828205	696.967616
109	30.275030	9.226506	12.853110	1.777747	29.332824	74.718702	10.026493	426.481481	594.691892
110	11.752823	3.581747	4.989601	0.690125	11.387057	29.005939	3.892303	165.560902	230.860496
111	29.550362	9.005659	12.545456	1.735194	28.630709	72.930224	9.786497	416.273158	580.457261
112	63.158870	19.248064	26.813777	3.708683	61.193268	155.875943	20.916972	889.713029	1240.628606
113	125.245272	38.169287	53.172244	7.354391	121.347445	309.105036	41.478763	1764.318299	2460.190736
114	187.165271	57.039798	79.460065	10.990327	181.340398	461.923449	61.985445	2636.579478	3676.484231
115	421.308997	128.396576	178.864595	24.739225	408.197208	1039.789615	139.529227	5934.940010	8275.765453
116	203.725825	62.086731	86.490764	11.962761	197.385561	502.794856	67.469974	2869.866430	4001.782902
117	221.672726	67.556162	94.110030	13.016602	214.773927	547.087767	73.413633	3122.682733	4354.313579
118	1428.641904	435.387638	606.522664	83.889718	1384.180353	3525.884864	473.138012	20125.143439	28062.788592
119	441.223931	134.465778	187.319379	25.908628	427.492358	1088.939626	146.124661	6215.479805	8666.954165
120	195.495750	59.578564	82.996728	11.479492	189.411619	482.483051	64.744335	2753.930146	3840.119685
121	565.704061	172.401883	240.166786	33.218089	548.098473	1396.156293	187.350024	7969.019619	11112.115227
122	1928.013794	587.574374	818.528463	113.212789	1868.011016	4758.333516	638.520129	27159.748046	37871.942127
123	1164.040075	354.748561	494.187301	68.352324	1127.813343	2872.848171	385.507106	16397.722491	22865.219373
124	1545.310745	470.943204	656.053828	90.740502	1497.218279	3813.823289	511.776430	21768.646374	30354.512651

Table N-5. St. Regis River Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Traction Sand	190 Custslopes	Natural Background	TMDL
125	2967.481998	904.358871	1259.829409	174.250264	2875.129358	7323.738600	982.771489	41802.638356	58290.198345
126	2003.117268	610.462632	850.413262	117.622858	1940.777153	4943.688711	663.392918	28217.723575	39347.198375
127	2183.181894	665.338463	926.858784	128.196236	2115.237889	5388.087786	723.026769	30754.276939	42884.204759
128	3475.850783	1059.287467	1475.654795	204.101631	3367.676918	8578.391568	1151.133201	48963.981373	68276.077737
129	2912.585609	887.628850	1236.523427	171.026753	2821.941430	7188.254443	964.590889	41029.318125	57211.869526
130	1815.391888	553.252137	770.715405	106.599641	1758.894078	4480.382916	601.221976	25573.253903	35659.711945
131	1305.905899	397.983066	554.415716	76.682672	1265.264083	3222.972692	432.490268	18396.172943	25651.887340
132	1776.272253	541.330182	754.107363	104.302540	1720.991907	4383.835747	588.266324	25022.179296	34891.285611
133	5240.729507	1597.145399	2224.925093	307.735144	5077.629881	12934.108115	1735.626214	73825.661115	102943.560468
134	6109.205336	1861.818890	2593.632095	358.731963	5919.077395	15077.504419	2023.248273	86059.798005	120003.016376
135	5460.043614	1663.982757	2318.033783	320.613248	5290.118593	13475.374816	1808.258719	76915.118208	107251.543738
136	5340.342952	1627.503225	2267.215475	313.584436	5174.143200	13179.953861	1768.616221	75228.906289	104900.265660
137	6006.540644	1830.531177	2550.046321	352.703502	5819.607788	14824.128201	1989.247753	84613.570197	117986.375583
138	4926.228539	1501.299244	2091.405305	289.267677	4772.916670	12157.920464	1631.469698	69395.315710	96765.823306
139	5310.307671	1618.349783	2254.464149	311.820768	5145.042664	13105.826859	1758.669129	74805.802130	104310.283153
140	6207.909697	1891.899667	2635.536530	364.527874	6014.709924	15321.106552	2055.937210	87450.237018	121941.864474
141	8777.382533	2674.962733	3726.393172	515.407078	8504.216782	21662.559476	2906.895918	123646.157942	172413.975634
142	8900.741286	2712.557092	3778.764504	522.650692	8623.736419	21967.008587	2947.749903	125383.901026	174837.109508
143	9230.487834	2813.049434	3918.756726	542.013378	8943.220744	22780.822295	3056.955454	130029.009482	181314.315347
144	14738.600578	4491.681562	6257.198014	865.449241	14279.912480	36374.831609	4881.133721	207621.272970	289510.080174
145	10617.928428	3235.880713	4507.787583	623.483760	10287.482035	26205.022421	3516.448405	149573.753957	208567.787302
146	12943.686416	3944.670141	5495.176323	760.052050	12540.858829	31944.987673	4286.693563	182336.486858	254252.611854
147	16790.300902	5116.950187	7128.236965	985.924891	16267.760709	41438.423189	5560.616388	236523.381466	329811.594697
148	16126.449030	4914.637138	6846.402025	946.943572	15624.568937	39800.038329	5340.761746	227171.762908	316771.563685
149	12758.565062	3888.253240	5416.583993	749.181742	12361.498739	31488.108606	4225.385023	179728.699847	250616.276252
150	17361.795461	5291.116761	7370.862078	1019.482998	16821.469472	42848.870419	5749.884110	244573.971292	341037.452591
151	14541.086622	4431.487937	6173.344467	853.851240	14088.545464	35887.367629	4815.720995	204838.912541	285630.316896
152	17433.906319	5313.093000	7401.476376	1023.717341	16891.336128	43026.839846	5773.765804	245589.790128	342453.924942
153	15923.363766	4852.745622	6760.183208	935.018424	15427.804001	39298.824374	5273.503913	224310.919991	312782.363298
154	14638.841734	4461.279425	6214.845904	859.591411	14183.258286	36128.627016	4848.095560	206215.979568	287550.518904
155	13350.044373	4068.510293	5667.693530	783.913351	12934.570296	32947.878155	4421.271301	188060.812978	262234.694278

Table N-5. St. Regis River Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Traction Sand	190 Custslopes	Natural Background	TMDL
156	22256.149039	6782.701909	9448.735030	1306.878981	21563.503179	54928.123554	7370.797450	313520.267440	437177.156582
157	20737.084431	6319.757381	8803.823866	1217.679649	20091.714216	51179.075668	6867.713223	292121.347911	407338.196345
158	14374.733008	4380.790623	6102.719885	844.082972	13927.369033	35476.807300	4760.627960	202495.504907	282362.635687
159	17905.259665	5456.740908	7601.587045	1051.395165	17348.020227	44190.138797	5929.868732	252229.700150	351712.710689
160	12899.104003	3931.083369	5476.249086	757.434175	12497.663890	31834.958382	4271.928748	181708.458623	253376.880278
161	16937.018936	5161.663434	7190.525361	994.540161	16409.912651	41800.522952	5609.206506	238590.184539	332693.574539
162	14667.751738	4470.089931	6227.119499	861.289004	14211.268566	36199.976838	4857.669983	206623.232059	288118.397618
163	15106.781216	4603.886936	6413.507234	887.068774	14636.634766	37283.500559	5003.067884	212807.798811	296742.246179
164	12090.210748	3684.568043	5132.837563	709.936039	11713.944647	29838.611728	4004.039261	170313.655806	237487.803836
165	9844.873367	3000.287303	4179.590983	578.090039	9538.485646	24297.124345	3260.427821	138683.800390	193382.679894
166	11787.941899	3592.449704	5004.510859	692.186841	11421.082873	29092.612918	3903.933782	166055.623104	231550.341979
167	10413.568032	3173.600592	4421.027415	611.483736	10089.481652	25700.661444	3448.768274	146694.948382	204553.539528
168	10758.916979	3278.847864	4567.643556	631.762594	10424.082804	26552.981835	3563.141031	151559.846351	211337.223015
169	10277.594071	3132.161669	4363.300360	603.499358	9957.739411	25365.078026	3403.736380	144779.496037	201882.605312
170	10070.394890	3069.016411	4275.335000	591.332642	9756.988590	24853.710934	3335.116100	141860.700765	197812.595332
171	6610.024101	2014.446570	2806.252158	388.139994	6404.309904	16313.523955	2189.109567	93114.784600	129840.590848
172	5924.470993	1805.519933	2515.204068	347.884380	5740.092272	14621.580495	1962.067904	83457.462785	116374.282830
173	7040.315492	2145.580587	2988.930182	413.406664	6821.209960	17375.482098	2331.613586	99176.258749	138292.797318
174	7528.168398	2294.256840	3196.045656	442.053341	7293.880127	18579.501924	2493.180844	106048.596517	147875.683647
175	7369.431993	2245.880919	3128.654921	432.732354	7140.083845	18187.740849	2440.610478	103812.491785	144757.627145
176	9320.393851	2840.448860	3956.925869	547.292651	9030.328746	23002.710133	3086.730553	131295.507039	183080.337702
177	7067.118311	2153.748916	3000.309183	414.980523	6847.178634	17441.631393	2340.490151	99553.827533	138819.284645
178	6781.643703	2066.748727	2879.112388	398.217481	6570.588438	16737.080730	2245.946593	95532.373713	133211.711774
179	7438.430451	2266.908634	3157.947866	436.783937	7206.934964	18358.028880	2463.461406	104784.466534	146112.962672
180	8668.097889	2641.657548	3679.996931	508.989894	8398.333246	21392.845231	2870.703000	122106.675494	170267.299234
181	6793.224330	2070.277996	2884.028885	398.897494	6581.808658	16765.661690	2249.781869	95695.508911	133439.189833
182	6756.923347	2059.215042	2868.617487	396.765904	6546.637418	16676.070949	2237.759699	95184.140394	132726.130240
183	4795.489192	1461.455602	2035.900579	281.590675	4646.246135	11835.256063	1588.171406	67553.602892	94197.712544
184	4286.909037	1306.462590	1819.985457	251.726896	4153.493782	10580.081434	1419.739693	60389.282324	84207.681213
185	3020.952296	920.654281	1282.529953	177.390035	2926.935577	7455.703170	1000.479797	42555.869389	59340.514498
186	2956.620679	901.048815	1255.218292	173.612488	2864.606060	7296.932891	979.174435	41649.635990	58076.849652

Table N-5. St. Regis River Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Traction Sand	190 Custslopes	Natural Background	TMDL
187	2314.113565	705.240717	982.445160	135.884531	2242.094764	5711.226844	766.388756	32598.699019	45456.093355
188	1327.933652	404.696163	563.767487	77.976139	1286.606298	3277.337135	439.785426	18706.475818	26084.578118
189	1344.665213	409.795212	570.870786	78.958615	1302.817147	3318.630588	445.326588	18942.171734	26413.235883
190	3801.256252	1158.456838	1613.804034	223.209410	3682.955265	9381.491502	1258.901072	53547.937457	74668.011830
191	4569.367657	1392.543637	1939.901830	268.312839	4427.161852	11277.188644	1513.284415	64368.250195	89756.011069
192	2228.311941	679.092130	946.018516	130.846268	2158.963419	5499.468635	737.972950	31390.019643	43770.693502
193	1208.580186	368.322441	513.096579	70.967715	1170.967297	2982.773061	400.257913	17025.154826	23740.120019
194	581.458285	177.203083	246.855161	34.143176	563.362402	1435.037681	192.567512	8190.947887	11421.575186
195	833.195378	253.921551	353.728866	48.925154	807.265046	2056.324236	275.937870	11737.144523	16366.442625
196	410.771401	125.185177	174.390912	24.120458	397.987558	1013.782852	136.039383	5786.497888	8068.775630
197	366.827909	111.793121	155.734926	21.540100	355.411656	905.330418	121.486166	5167.470078	7205.594374
198	412.893072	125.831770	175.291656	24.245042	400.043199	1019.019131	136.742039	5816.385665	8110.451574
199	478.264356	145.754082	203.044703	28.083638	463.380028	1180.355308	158.391719	6737.264773	9394.538607
200	1107.579262	337.541772	470.217150	65.036950	1073.109679	2733.503018	366.808399	15602.364358	21756.160588
201	997.018707	303.847745	423.279228	58.544845	965.989940	2460.639828	330.192925	14044.908275	19584.421493
202	506.100097	154.237199	214.862226	29.718150	490.349477	1249.053851	167.610367	7129.384221	9941.315588
203	686.358893	209.172205	291.390182	40.302930	664.998340	1693.932135	227.308524	9668.672835	13482.136044
204	261.103652	79.572986	110.850229	15.331982	252.977702	644.403200	86.472378	3678.142462	5128.854591
205	94.573864	28.821982	40.150853	5.553368	91.630578	233.408073	31.320998	1332.253076	1857.712792
206	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
207	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
208	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
209	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
210	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
211	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
212	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
213	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
214	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
215	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
216	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
217	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000

Table N-5. St. Regis River Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Traction Sand	190 Custslopes	Natural Background	TMDL
218	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
219	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
220	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
221	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
222	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
223	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
224	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
225	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
226	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
227	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
228	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
229	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
230	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
231	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
232	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
233	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
234	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
235	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
236	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
237	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
238	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
239	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
240	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
241	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
242	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
243	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
244	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
245	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
246	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
247	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
248	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000

Table N-5. St. Regis River Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Traction Sand	190 Custslopes	Natural Background	TMDL
249	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
250	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
251	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
252	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
253	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
254	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
255	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
256	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
257	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
258	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
259	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
260	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
261	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
262	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
263	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
264	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
265	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
266	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
267	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
268	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
269	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
270	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
271	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
272	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
273	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
274	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
275	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
276	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
277	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
278	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
279	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000

Table N-5. St. Regis River Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Traction Sand	190 Custslopes	Natural Background	TMDL
280	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
281	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
282	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
283	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
284	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
285	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
286	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
287	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
288	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
289	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
290	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
291	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
292	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
293	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
294	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
295	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
296	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
297	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
298	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
299	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
300	34.060000	10.380000	14.460000	2.000000	33.000000	84.060000	11.280000	479.800000	669.040000
301	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
302	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
303	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
304	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
305	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
306	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
307	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
308	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
309	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
310	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452

Table N-5. St. Regis River Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Traction Sand	190 Custslopes	Natural Background	TMDL
311	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
312	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
313	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
314	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
315	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
316	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
317	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
318	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
319	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
320	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
321	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
322	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
323	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
324	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
325	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
326	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
327	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
328	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
329	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
330	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
331	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
332	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
333	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
334	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
335	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
336	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
337	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
338	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
339	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
340	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
341	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452

Table N-5. St. Regis River Daily Load Allocations and TMDLs

Julian Day	Forest Roads	Eroding Banks	Culvert Failure	Human Caused Mass Wasting	Upland Timber Harvest	Traction Sand	190 Custslopes	Natural Background	TMDL
342	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
343	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
344	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
345	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
346	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
347	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
348	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
349	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
350	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
351	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
352	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
353	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
354	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
355	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
356	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
357	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
358	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
359	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
360	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
361	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
362	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
363	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
364	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452
365	0.001703	0.000519	0.000723	0.000100	0.001650	0.004203	0.000564	0.023990	0.033452